

Special Issue

Intelligent and Bionic Transmission in Machinery

Message from the Guest Editor

This Special Issue is devoted to the application of intelligent and bionic transmission in various research fields. This mainly includes the research fields of bionic transmission, bionic materials, bionic control, intelligent materials and structures, and intelligent control. In the future, intelligent and bionic transmission will have a variety of applications in aviation, military, disaster relief, anti-terrorism rescue, biomedical engineering, micro-mechanical systems, agriculture, and other aspects. In the above fields, mainly because of technical problems in production, some structure, function, and regulation mechanisms of organisms are studied and simplified, then the corresponding physical and mathematical models are established, and then numerical simulation analysis is carried out. Finally, the required physical model is prepared for experimental verification.

Guest Editor

Prof. Dr. Jing Wei

College of Mechanical and Vehicle Engineering, Chongqing University, Chongqing 400030, China

Deadline for manuscript submissions

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Applied Sciences
Editorial Office
MDPI, Grosspeteranlage 5
4052 Basel, Switzerland
Tel: +41 61 683 77 34
appls-ci@mdpi.com

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Message from the Editor-in-Chief

As the world of science becomes ever more specialized, researchers may lose themselves in the deep forest of the ever increasing number of subfields being created. This open access journal Applied Sciences has been started to link these subfields, so researchers can cut through the forest and see the surrounding, or quite distant fields and subfields to help develop his/her own research even further with the aid of this multi-dimensional network.

Editor-in-Chief

Prof. Dr. Giulio Nicola Cerullo
Dipartimento di Fisica, Politecnico di Milano, Piazza L. da Vinci 32,
20133 Milano, Italy

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